

MATERIAL SAFETY DATA SHEET

REVISION NO. 3

REVISION DATE: 03/22/01

SECTION I – SOURCE AND NOMENCLATURE

Manufacturer's Name

LuBoron, LLC

Emergency Telephone No.

(866) 582-6766

Address

1147 River Road
Charlottesville, VA 22901

Chemical Family

BORIC OXIDE DERIVATIVES IN SYNTHETIC – OIL

Chemical Trade Name and Synonyms

BORON – CLS BOND

SECTION II – OSHA REGULATED INGREDIENTS

C.A.S.

Req. No. Material

8002-05-9 SYNTHETIC OIL WITH BORON DERIVATIVES

EXPOSURE

Wgt %

100.00

Limit

15 MG/M3

SECTION III – PHYSICAL DATA

Boiling Point 375 C/705 F

Vapor Pressure .01

Vapor Density N/A

Melting Point N/A

Evaporation Rate N/A

Volatile N/A

Specific Gravity 0.89

Solubility in Water NEGLIGIBLE

V.O.C. = 0.0001

Appearance/Odor

TRANSLUCENT WHITE, MILD ODOR

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point = 475 F.

Flammable (Explosive) Limits

Upper N/A

Lower N/A

Method

CLEVELAND OPEN CUP.

Extinguishing Media

CO 2, DRY CHEMICAL, FOAM, WATER FOG.

Special Fire Fighting Procedures

USE SELF-CONTAINED BREATHING APPARATUS APPROVED BY NIOSA.

Unusual Fire and Explosion Hazards

WATER MAY CAUSE FROTHING – TOXIC FUMES GIVEN OFF ABOVE 610 DEGREES F.

SECTION V – HEALTH HAZARD DATA

Effects of Overexposure

Inhalation: FOR MATERIAL TEMPS OVER 610 DEG. F., POLYMER FUME FEVER MAY RESULT FROM INHALING FUMES.
Ingestion: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.
Eye: MAY CAUSE TEMPORARY EYE IRRITATION.
Skin: REPEATED AND PROLONGED CONTACT CAN CAUSE IRRITATION AND DERMATITIS.

SECTION VI – REACTIVITY DATA

Conditions Contributing to Instability

STABLE

Conditions Contributing to Hazardous Polymerization

NONE

Incompatibility (Materials to Avoid)

STRONG OXIDIZING AGENTS, WELDING

Hazardous Decomposition of Products

CARBON MONOXIDE, CARBON DIOXIDE, HALOGEN COMPOUNDS

Conditions to Avoid

DO NOT HEAT ABOVE FLASH POINT

SECTION VII – SPECIAL PROTECTION INFORMATION

Work/Hygienic Practices:

USE STANDARD METHODS.

Protective Equipment

Eye: APPROVED SAFETY GLASSES OR GOOGLES
Glove: NEOPRENE OR NITRILE RUBBER GLOVES RECOMMENDED
Respirator: NORMALLY NOT NEEDED
Other: CHEMICALLY RESISTANT BOOTS AND APRON RECOMMENDED

SECTION VII – SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

AVOID STORAGE NEAR OPEN FLAME OR OTHER SOURCES OF IGNITION.
SPILLS MAY CAUSE SLIPPERY FLOORS.
PROPER FOOTWEAR REQUIRED.
REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE.
WASH HANDS WITH SOAP & WATER BEFORE EATING, DRINKING, OR SMOKING.
DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

This above information is based on the data of which we are aware and believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date here of may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his/her own determination of the suitability of the material for his/her particular purpose.

May be used to comply with OSHA'S Hazard Communication Standard 29 CF 1910.1200. Standard must be consulted for specific requirements

N/D – Not Determined
< - Less Than

N/A – Not Applicable
> - Greater Than